

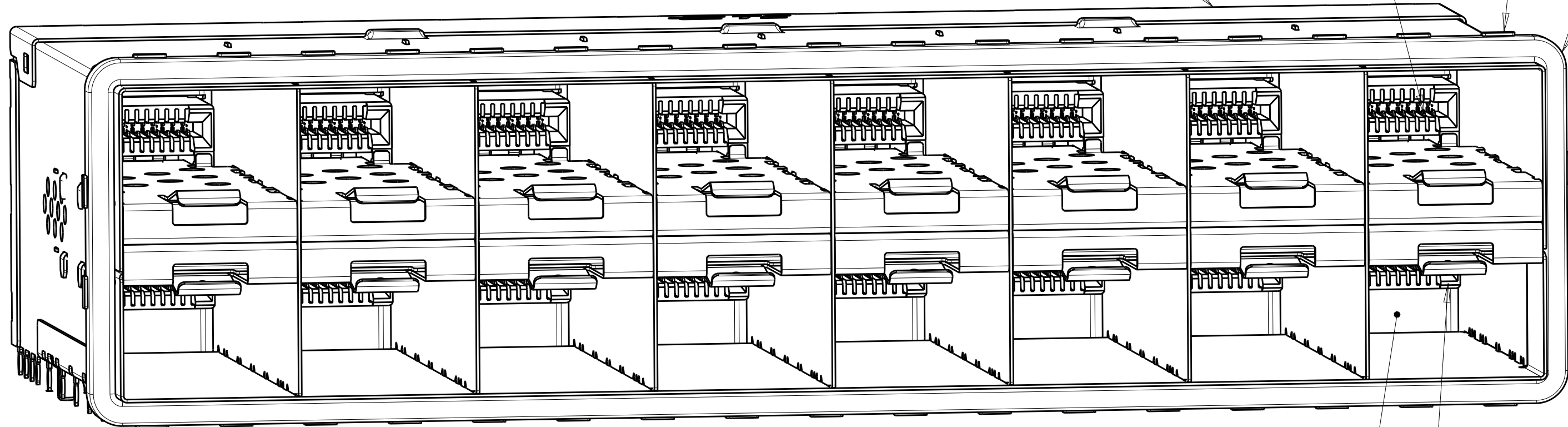
| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      |           | C   | REVISED PER ECO-20-014521 | 130CT2020 | JY  | SH   |
|     |      |           |     |                           |           |     |      |
|     |      |           |     |                           |           |     |      |
|     |      |           |     |                           |           |     |      |

CONTACT CHICKLET ALIGNMENT CLIP

GASKET FLANGE

EMI GASKET

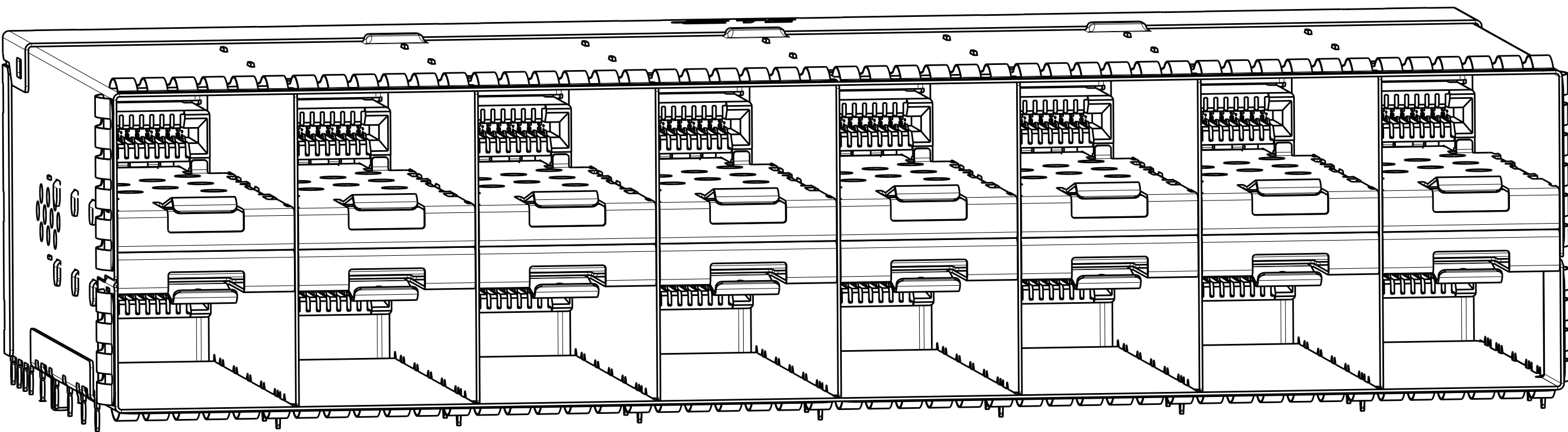
CAGE ASSEMBLY



2198346-1

RECEPTACLE HOUSING SHIELD

RECEPTACLE HOUSING



2198346-5

1. MATERIALS:
- CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
  - CONNECTOR HOUSING - LCP, BLACK, UL 94V-O RATED
  - CONNECTOR HOUSING SHIELD - COPPER ALLOY
  - CHICKLET - LCP, BLACK, UL 94V-O RATED
  - CHICKLET ALIGNMENT CLIP - PBT
  - CONTACT - COPPER ALLOY
  - EMI GASKET - ELASTOMERIC
  - GASKET FLANGE - STAINLESS STEEL
  - EMI SPRINGS - PHOSPHOR BRONZE PER ASTM B 103, 0.8µm MIN TIN PER ASTM B 545
  - LIGHT PIPE - POLYCARBONATE
  - LIGHT PIPE HOUSING - ZINC ALLOY

2. CONTACT FINISH:
- 0.76µm MIN GOLD PER ASTM B 844 AT MATING INTERFACE,
  - 1.25µm MIN MATTE TIN PER ASTM B 545 AT PCB INTERFACE
  - ALLOVER 2.54µm MIN NICKEL PER QQ-N-290.

3. PCB MINIMUM THICKNESS = 1.5mm

△4 FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPECIFICATION 114-13319

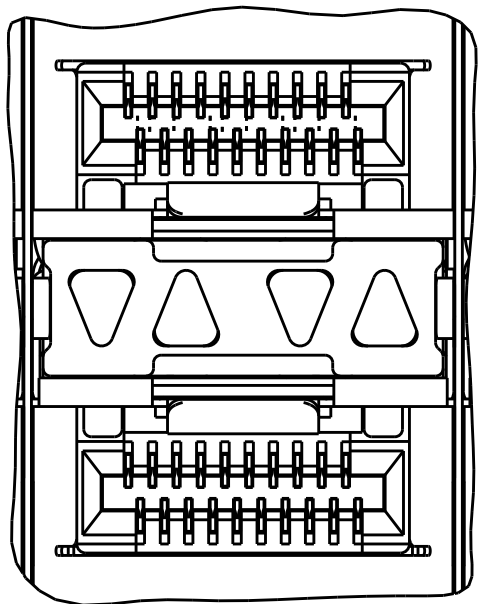
△5 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm

△6 DIMENSIONS APPLY FOR EMI SPRINGS ONLY

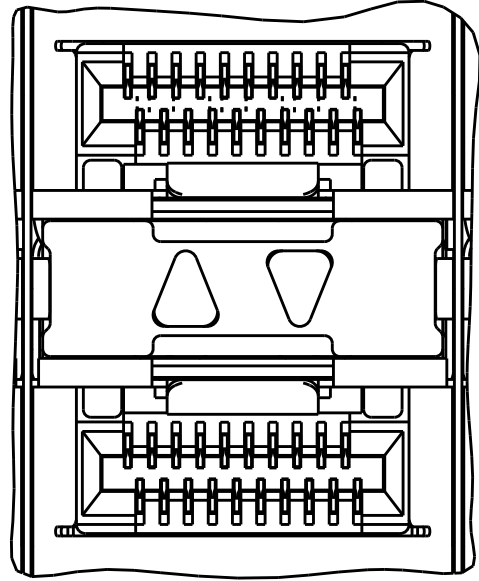
△7 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN

△8 THE DIMENSIONS APPLY TO 4-2198346-0 ONLY.

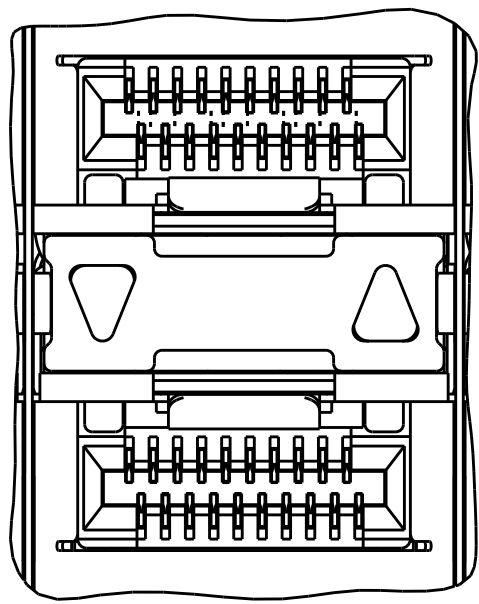
|        |                                       |                          |             |
|--------|---------------------------------------|--------------------------|-------------|
| 116.5  | THERMAL HOLE TOP SURFACE              | INNER                    | 4-2198346-0 |
| 116.5  | EMI SPRINGS,TAPE AIRFLOW ENHANCE TYPE | NONE                     | 3-2198346-3 |
| 119.25 | EMI GASKET LOW PROFILE FLANGE         | INNER                    | 3-2198346-2 |
| 116.5  | EMI SPRINGS AIRFLOW ENHANCE TYPE      | NONE                     | 3-2198346-1 |
| 119.25 | EMI GASKET AIRFLOW ENHANCE TYPE       | NONE                     | 3-2198346-0 |
| 116.5  | EMI SPRINGS                           | REVERSED OUTER           | 2-2198346-0 |
|        |                                       | CENTER/REVERSED OUTER    | 1-2198346-9 |
| 119.25 | EMI GASKET                            | REVERSED OUTER           | 1-2198346-8 |
|        |                                       | CENTER/REVERSED OUTER    | 1-2198346-7 |
| 116.5  | EMI SRING WITH NICKEL PLATING ONLY    | OUTER                    | 1-2198346-2 |
|        |                                       | INNER                    | 1-2198346-1 |
|        |                                       | INNER/OUTER              | 1-2198346-0 |
|        |                                       | NONE                     | 2198346-9   |
| 116.5  | EMI SPRINGS                           | OUTER                    | 2198346-8   |
|        |                                       | INNER                    | 2198346-7   |
|        |                                       | INNER/OUTER              | 2198346-6   |
|        |                                       | NONE                     | 2198346-5   |
| 119.25 | EMI GASKET                            | OUTER                    | 2198346-4   |
|        |                                       | INNER                    | 2198346-3   |
|        |                                       | INNER/OUTER              | 2198346-2   |
|        |                                       | NONE                     | 2198346-1   |
| (E)    | CAGE TYPE                             | LIGHT PIPE CONFIGURATION | PART NUMBER |



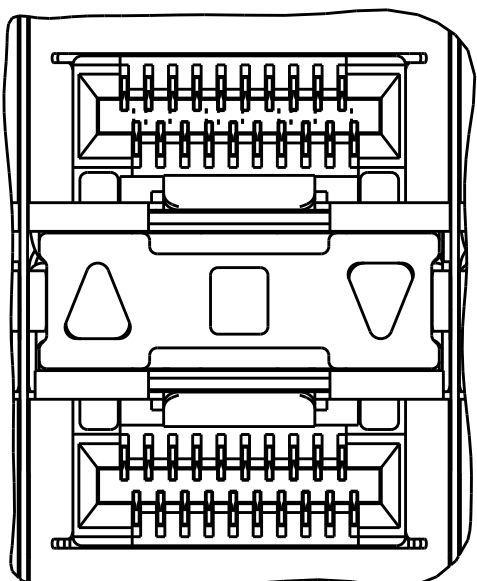
INNER/OUTER LIGHT PIPE  
2198346-2, 2198346-6  
SCALE 4:1



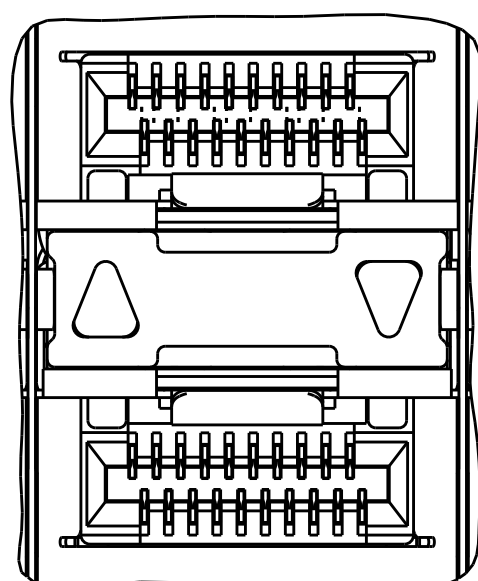
INNER LIGHT PIPE  
2198346-3, 2198346-7  
4-2198346-0  
SCALE 4:1



OUTER LIGHT PIPES  
2198346-4, 2198346-8  
SCALE 4:1



CENTER/REVERSED OUTER LIGHT PIPES  
1-2198346-7, 1-2198346-9  
SCALE 4:1

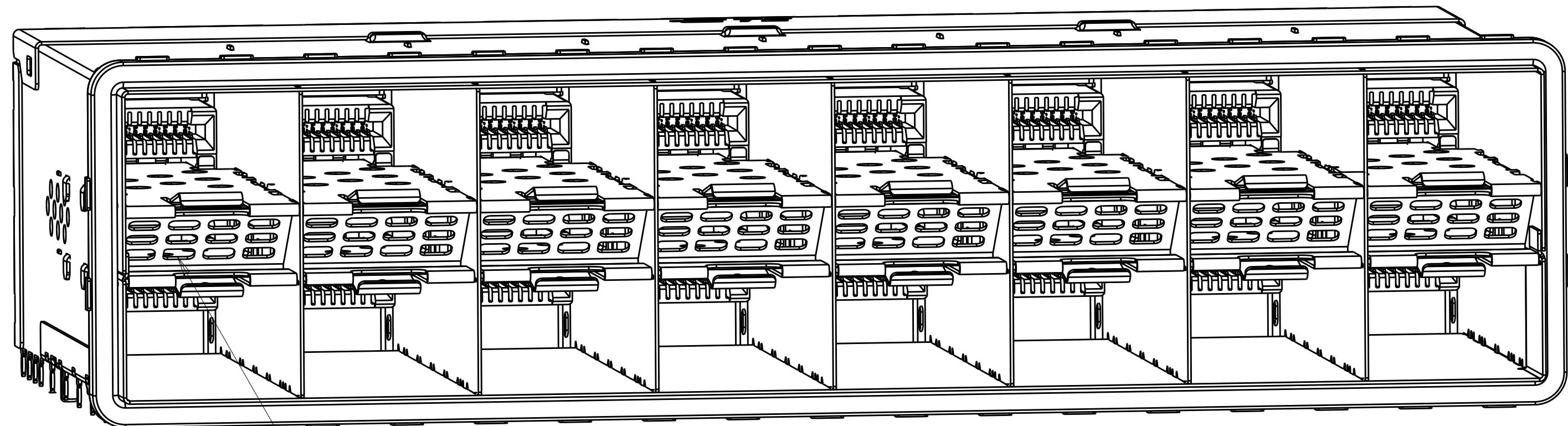


REVERSED OUTER LIGHT PIPES  
1-2198346-8, 2-2198346-0  
SCALE 4:1

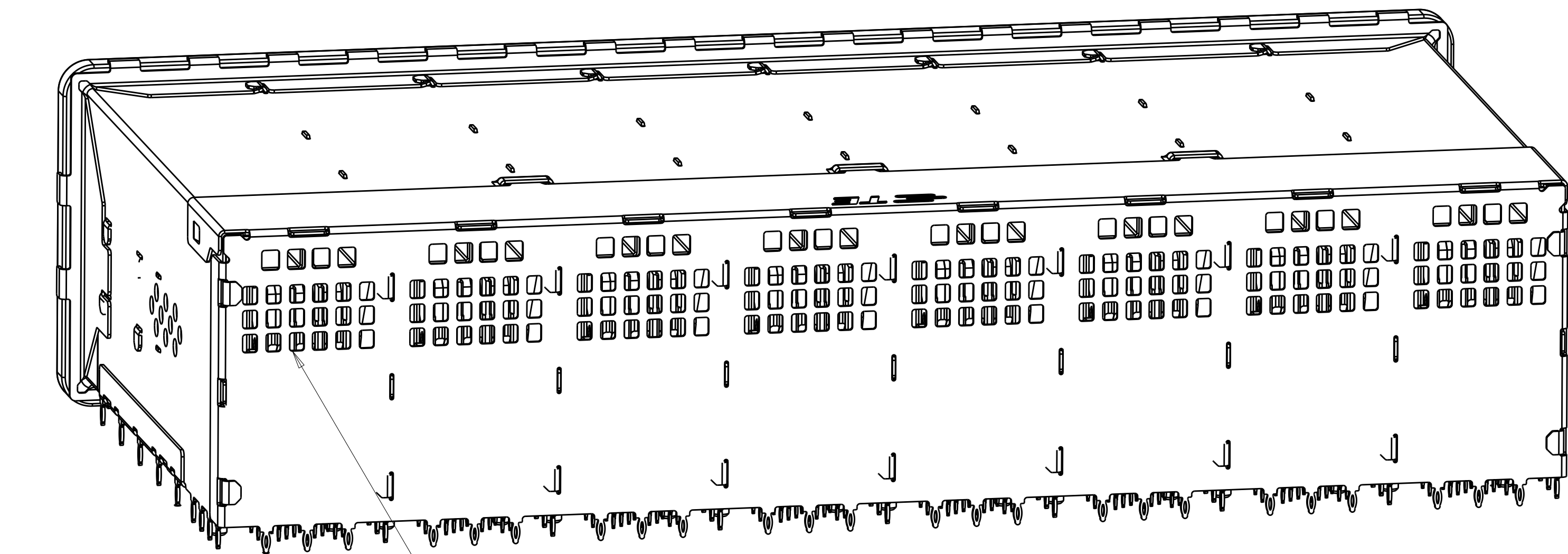
|                                                                                       |  |                                 |                                             |      |           |            |               |
|---------------------------------------------------------------------------------------|--|---------------------------------|---------------------------------------------|------|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 09DEC2011<br>M.E. CONWHER   | TE Connectivity                             |      |           |            |               |
| DIMENSIONS:                                                                           |  | CHK 13DEC2011<br>M.D. MORRISON  | NAME                                        |      |           |            |               |
| mm                                                                                    |  | APVD 13DEC2011<br>M.D. MORRISON | RECEPTACLE ASSEMBLY, 2X8,<br>STACKED, zSFP+ |      |           |            |               |
|  |  | PRODUCT SPEC                    |                                             | SIZE |           |            |               |
|                                                                                       |  | 108-2481                        |                                             |      | CAGE CODE |            |               |
|                                                                                       |  | APPLICATION SPEC                |                                             |      |           | DRAWING NO |               |
|                                                                                       |  | 114-13319                       |                                             |      |           |            | RESTRICTED TO |
|                                                                                       |  | WEIGHT                          |                                             |      |           |            |               |
|                                                                                       |  | -                               |                                             |      |           |            |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |  | Customer Drawing                |                                             |      |           |            |               |
| 0 PLC ±.20                                                                            |  | SCALE 3:1                       |                                             |      |           |            |               |
| 1 PLC ±0.15                                                                           |  | SHEET 1 OF 7                    |                                             |      |           |            |               |
| 2 PLC ±0.10                                                                           |  | REV C                           |                                             |      |           |            |               |
| 3 PLC ±.10                                                                            |  |                                 |                                             |      |           |            |               |
| 4 PLC ±.10                                                                            |  |                                 |                                             |      |           |            |               |
| ANGLES ±.1                                                                            |  |                                 |                                             |      |           |            |               |
| FINISH                                                                                |  |                                 |                                             |      |           |            |               |
| MATERIAL SEE NOTES                                                                    |  | SEE NOTES                       |                                             |      |           |            |               |

| LOC |     | DIST        |  | REVISIONS |     |      |  |
|-----|-----|-------------|--|-----------|-----|------|--|
| P   | LTR | DESCRIPTION |  | DATE      | DWN | APVD |  |
| -   | -   | SEE SHEET 1 |  | -         | -   | -    |  |
|     |     |             |  |           |     |      |  |
|     |     |             |  |           |     |      |  |

AIRFLOW ENHANCE TYPE



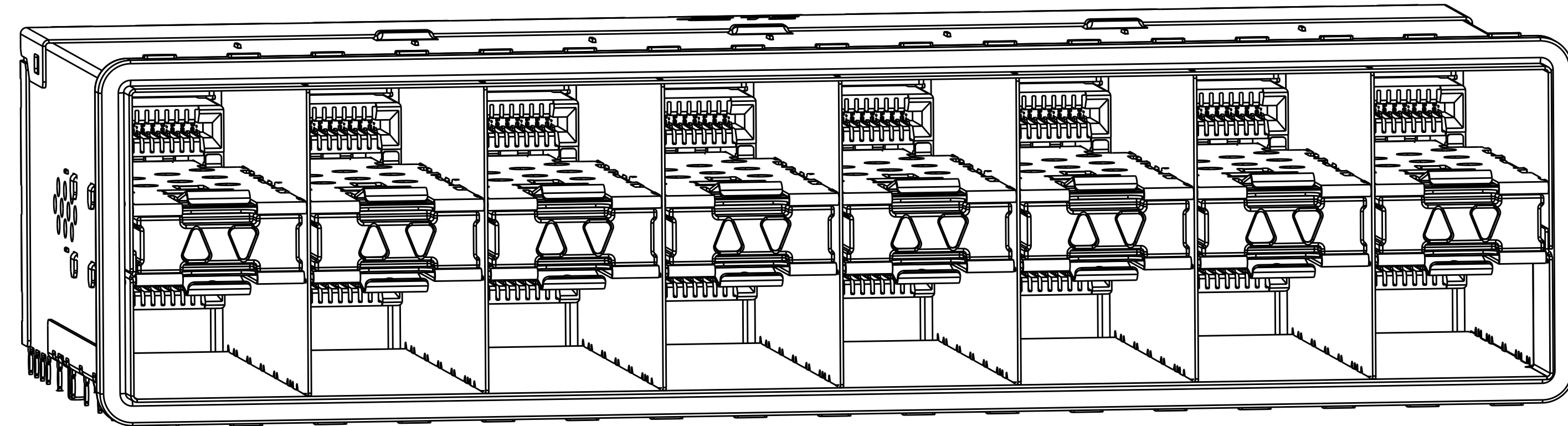
AIR VENTS



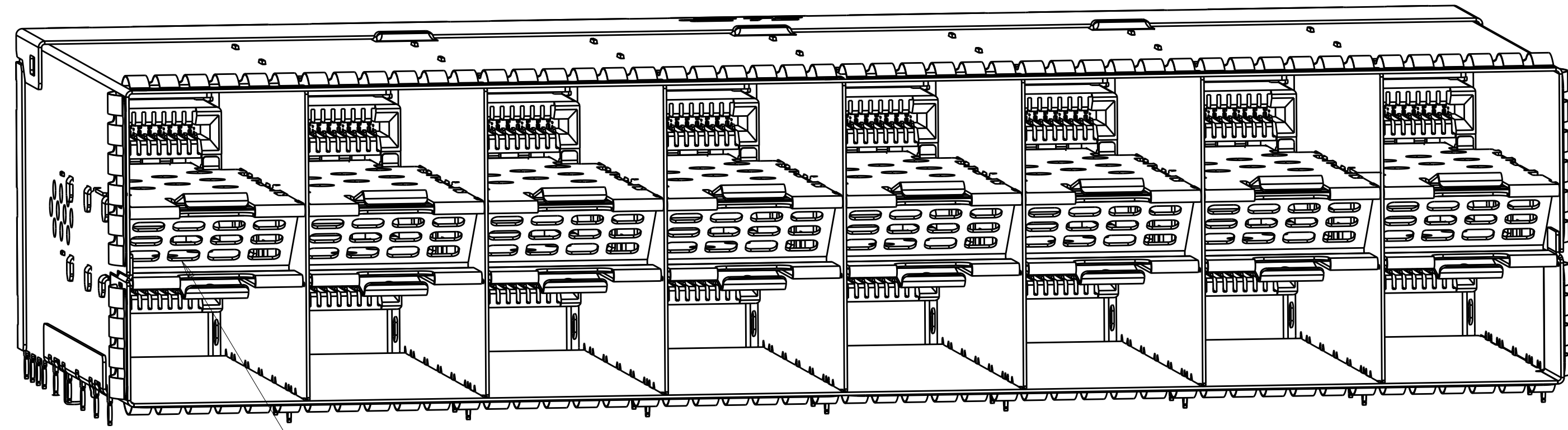
AIR VENTS

3-2198346-0  
EMI GASKET TYPE

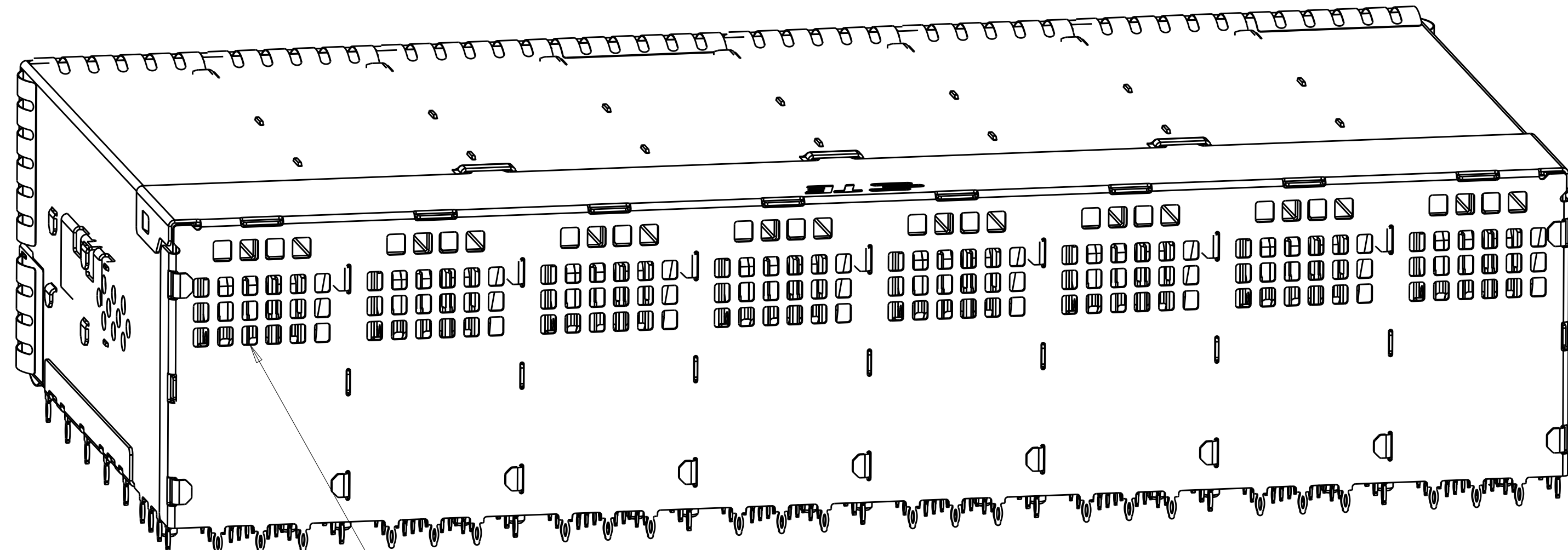
EMI GASKET TYPE  
WITH LOW PROFILE FLANGE



3-2198346-2

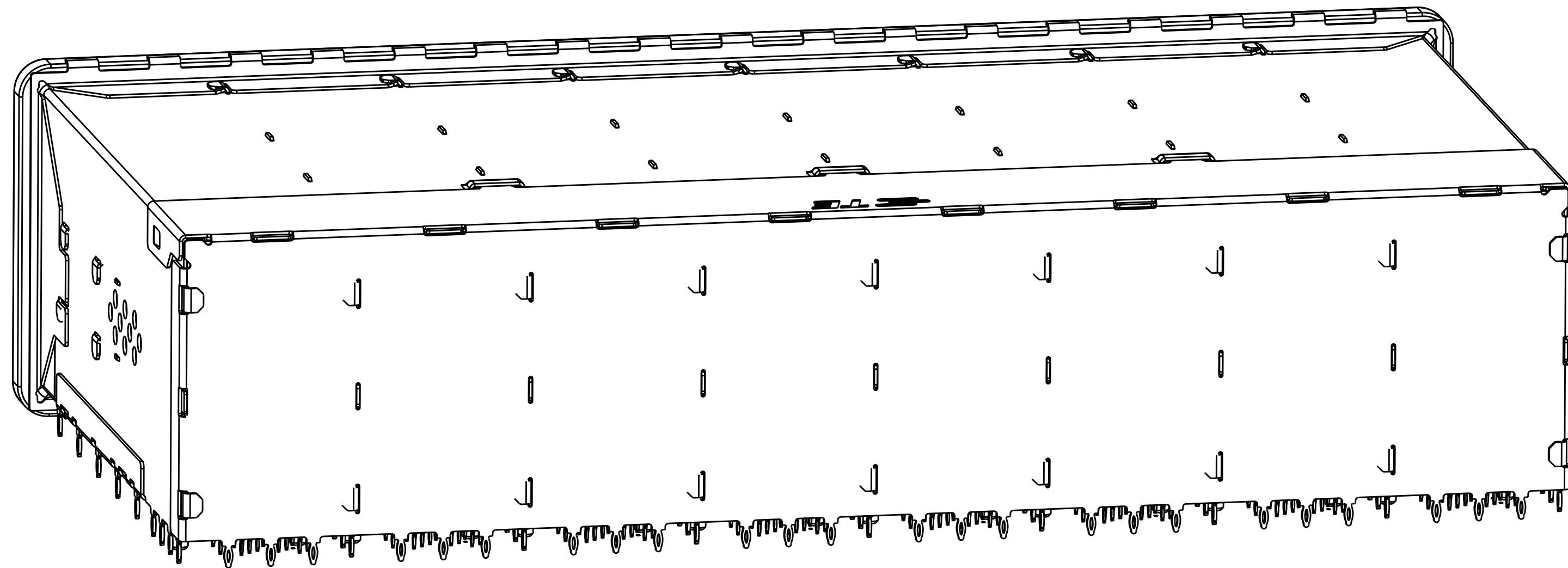


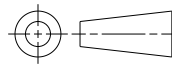
AIR VENTS



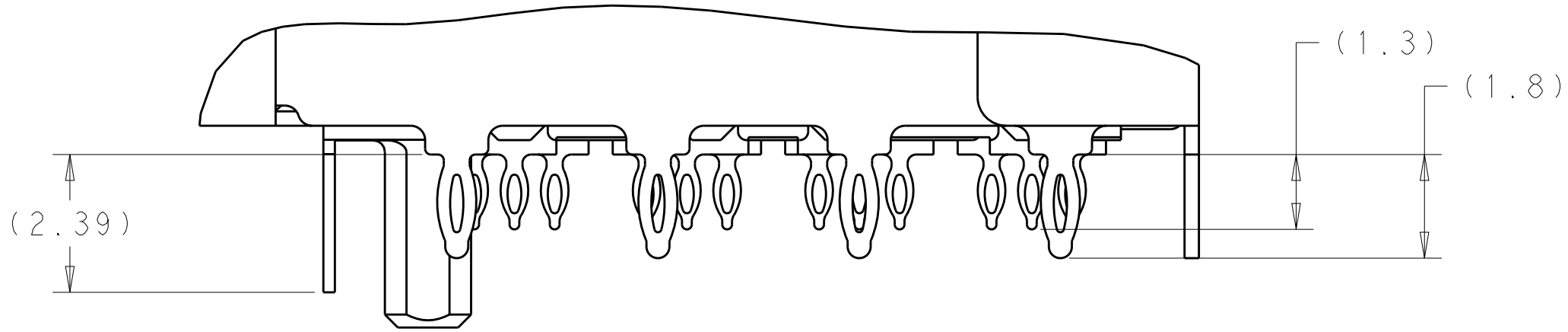
AIR VENTS

3-2198346-1  
EMI SPRING TYPE



|                                                                                       |                                        |                                    |                                                                                                       |                  |
|---------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------|------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN<br>M.E. CONNER<br>09DEC2011    |  TE Connectivity |                  |
| DIMENSIONS:                                                                           |                                        | CHK<br>M.D. MORRISON<br>13DEC2011  |                                                                                                       |                  |
| mm                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>M.D. MORRISON<br>13DEC2011 | NAME<br>RECEPTACLE ASSEMBLY, 2X8,<br>STACKED, zSFP+                                                   |                  |
|  | 0 PLC                                  | ±                                  | PRODUCT SPEC                                                                                          |                  |
|                                                                                       | 1 PLC                                  | ±0.20                              | 108-2481                                                                                              |                  |
|                                                                                       | 2 PLC                                  | ±0.15                              | APPLICATION SPEC                                                                                      |                  |
|                                                                                       | 3 PLC                                  | ±0.10                              | 114-13319                                                                                             |                  |
| MATERIAL                                                                              |                                        | FINISH                             | WEIGHT                                                                                                | SIZE             |
| SEE NOTES                                                                             |                                        | SEE NOTES                          | Customer Drawing                                                                                      | A100779C=2198346 |
|                                                                                       |                                        | Customer Drawing                   |                                                                                                       | RESTRICTED TO    |
|                                                                                       |                                        | SCALE 3:1                          |                                                                                                       | SHEET 2 OF 7     |
|                                                                                       |                                        |                                    |                                                                                                       | REV C            |

Technical drawing of the rear view of the 1000 Series 1000W Single-Phase Inverter. The drawing shows a rectangular unit with a vertical stack of components on the left, a central area with several circular components, and a bottom edge with a series of mounting tabs. A dimension line on the left indicates a height of 26.8 inches. A dimension line at the bottom indicates a width of 11.5 inches. A callout "SEE DETAIL B" points to a specific mounting detail on the right side.



2.6  
0.8 BEZEL THICKNESS

0±0.1  
BEZEL OPENING  
TO TOP OF PCB

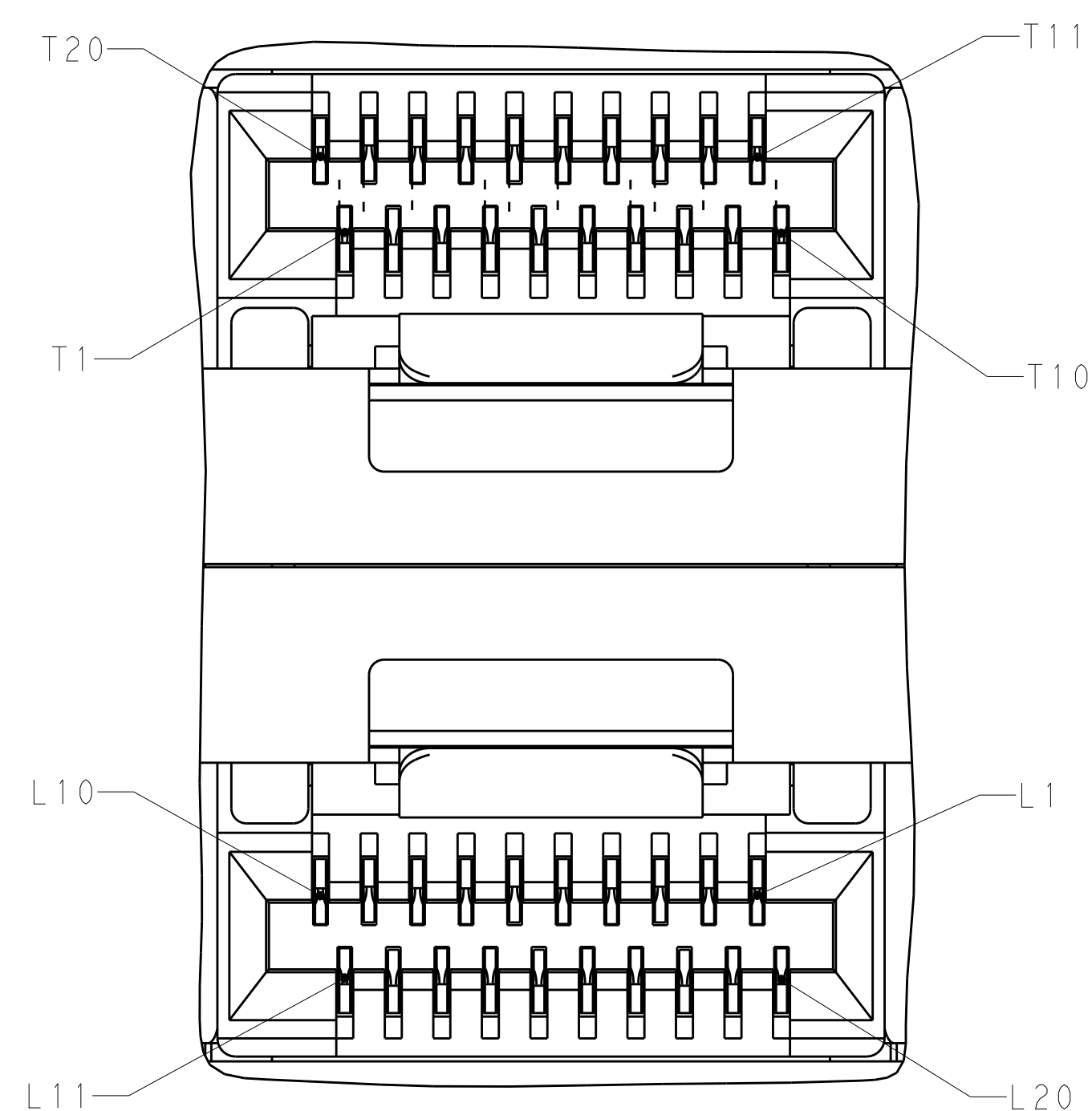
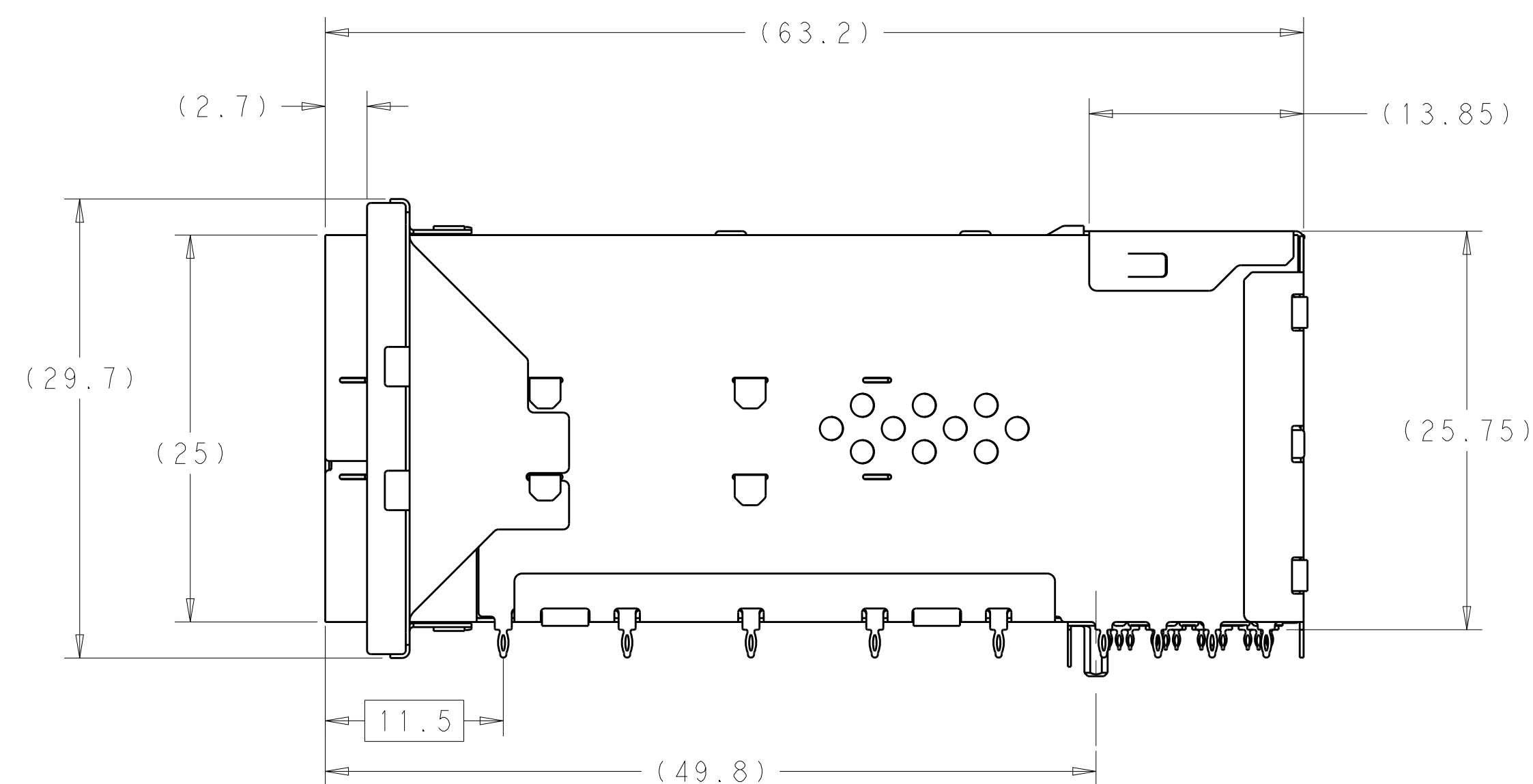
(3.5)

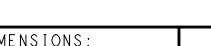
3.55±0.3

PCB

|                                                                                       |  |                                                                                                            |  |                                                                                                       |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT                                                 |  |                                                                                                            |  | DWG 09DEC2011<br>M. E. COWHER<br>CHK 13DEC2011<br>M. D. MORRISON<br>APP'D 13DEC2011<br>M. D. MORRISON |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED:                                                                    |  | NAME<br>RECEPTACLE ASSEMBLY, 2X8,<br>STACKED, zSFP+                                                   |  |                                                                                                       |  |
|  |  | 0 PLOC $\pm 0.20$<br>2 PLOC $\pm 0.15$<br>3 PLOC $\pm 0.10$<br>4 PLOC $\pm 0.10$<br>ANGLES $\pm 0.1^\circ$ |  | PRODUCT SPEC<br>108-2481                                                                              |  |                                                                                                       |  |
| MATERIAL                                                                              |  | FINISH                                                                                                     |  | APPLICATION SPEC<br>114-13319                                                                         |  | SIZE<br>A1                                                                                            |  |
| SEE NOTES                                                                             |  | SEE NOTES                                                                                                  |  | CASE CODE<br>100779                                                                                   |  | DRAWING NO<br>C=2198346                                                                               |  |
|                                                                                       |  |                                                                                                            |  | WEIGHT<br>-                                                                                           |  | RESTRICTED TO<br>-                                                                                    |  |
| Customer Drawing                                                                      |  |                                                                                                            |  | SCALE<br>3:1                                                                                          |  | SHEET<br>3 of 7                                                                                       |  |
|                                                                                       |  |                                                                                                            |  | REV<br>C                                                                                              |  |                                                                                                       |  |

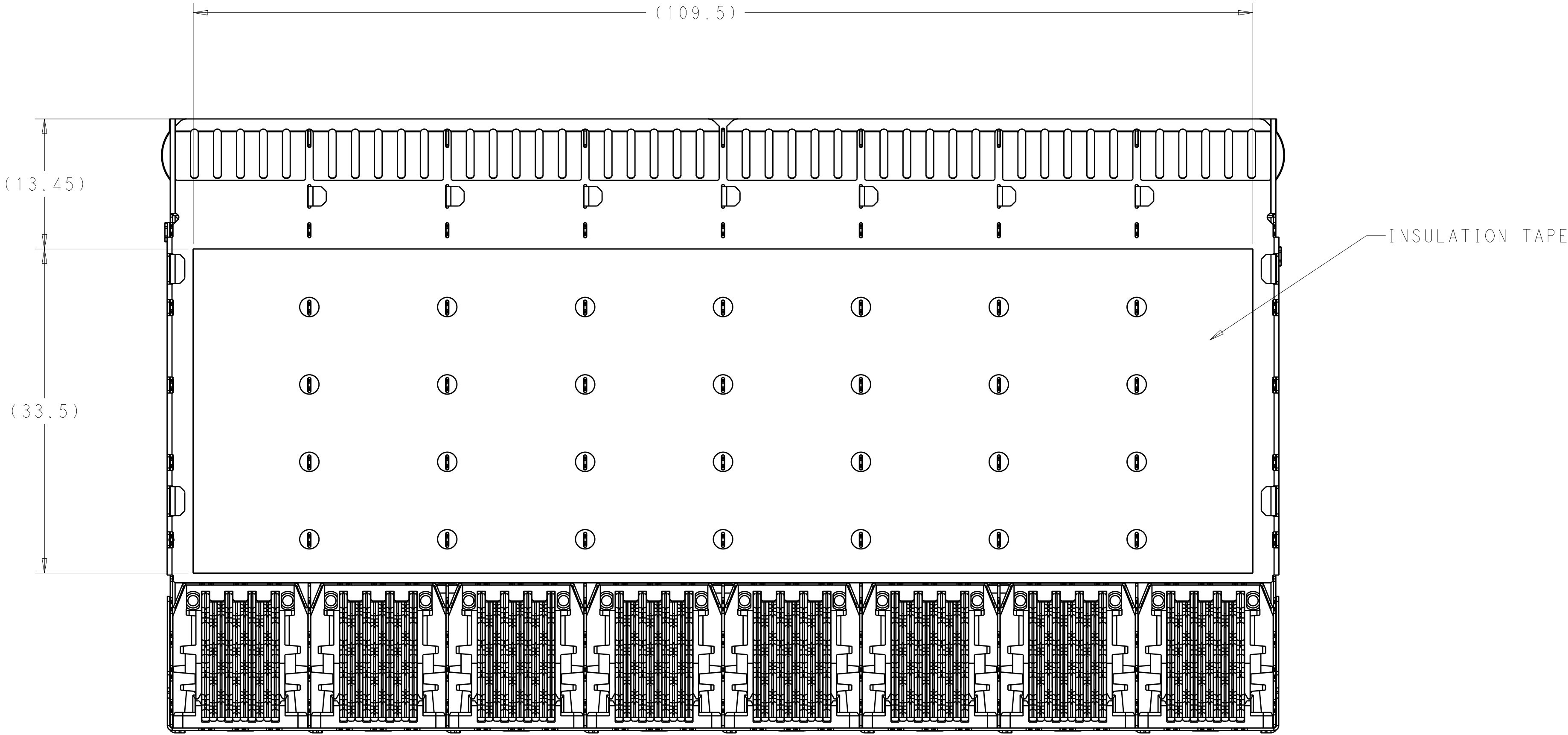
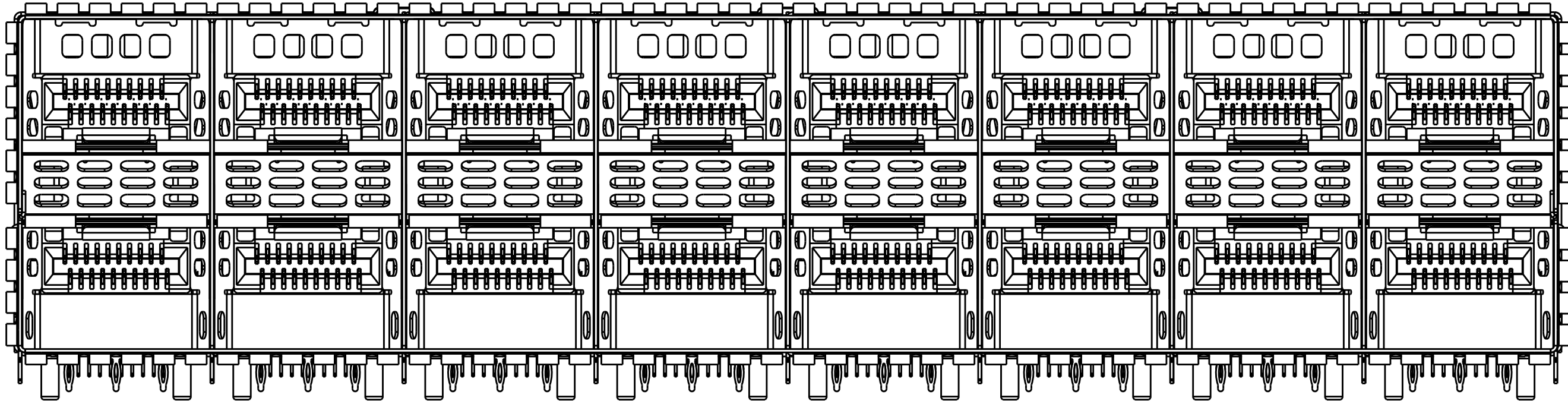
4805 (3/11)



|                                                                                                            |  |                                                                                                                             |  |                                                                                                       |  |
|------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                     |  | DWG. 09DLC2011<br>M.F. COWHER<br>CHK. 13DEC2011<br>M.D. MORRISON<br>APP'D 13DEC2011<br>M.D. MORRISON                        |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.0<br>1 PLC ±0.20<br>2 PLC ±0.15<br>3 PLC ±0.10<br>4 PLC ±.1<br>ANGLES ±.1 |  | NAME<br>RECEPTACLE ASSEMBLY, 2X8,<br>STACKED, zSFP+<br>-                                              |  |
| MATERIAL<br>SEE NOTES                                                                                      |  | FINISH<br>SEE NOTES                                                                                                         |  | WEIGHT<br>-                                                                                           |  |
|                                                                                                            |  | Customer Drawing                                                                                                            |  | SIZE<br>A1                                                                                            |  |
|                                                                                                            |  |                                                                                                                             |  | CAGE CODE<br>100779                                                                                   |  |
|                                                                                                            |  |                                                                                                                             |  | DRAWING NO<br>C2198346                                                                                |  |
|                                                                                                            |  |                                                                                                                             |  | RESTRICTED TO<br>-                                                                                    |  |
|                                                                                                            |  |                                                                                                                             |  | SCALE 3:1 SHEET 4 OF 7 REV C                                                                          |  |

3-2198346-3  
UNMARKED DIMENSIONS SAME AS 3-2198346-1

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
|     |      | -         |     | SEE SHEET 1 | -    | -   |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

M.E. CONNER

09DEC2011

CHK

M.D. MORRISON

13DEC2011

APVD

M.D. MORRISON

13DEC2011

TE Connectivity

NAME

RECEPTACLE ASSEMBLY, 2X8,  
STACKED, zSFP+

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

108-2481

114-13319

A100779

C=2198346

-

-

Customer Drawing

SCALE

3:1

SHEET

5

OF

7

REV

C

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.25

1 PLC ±.25

2 PLC ±.25

3 PLC ±.25

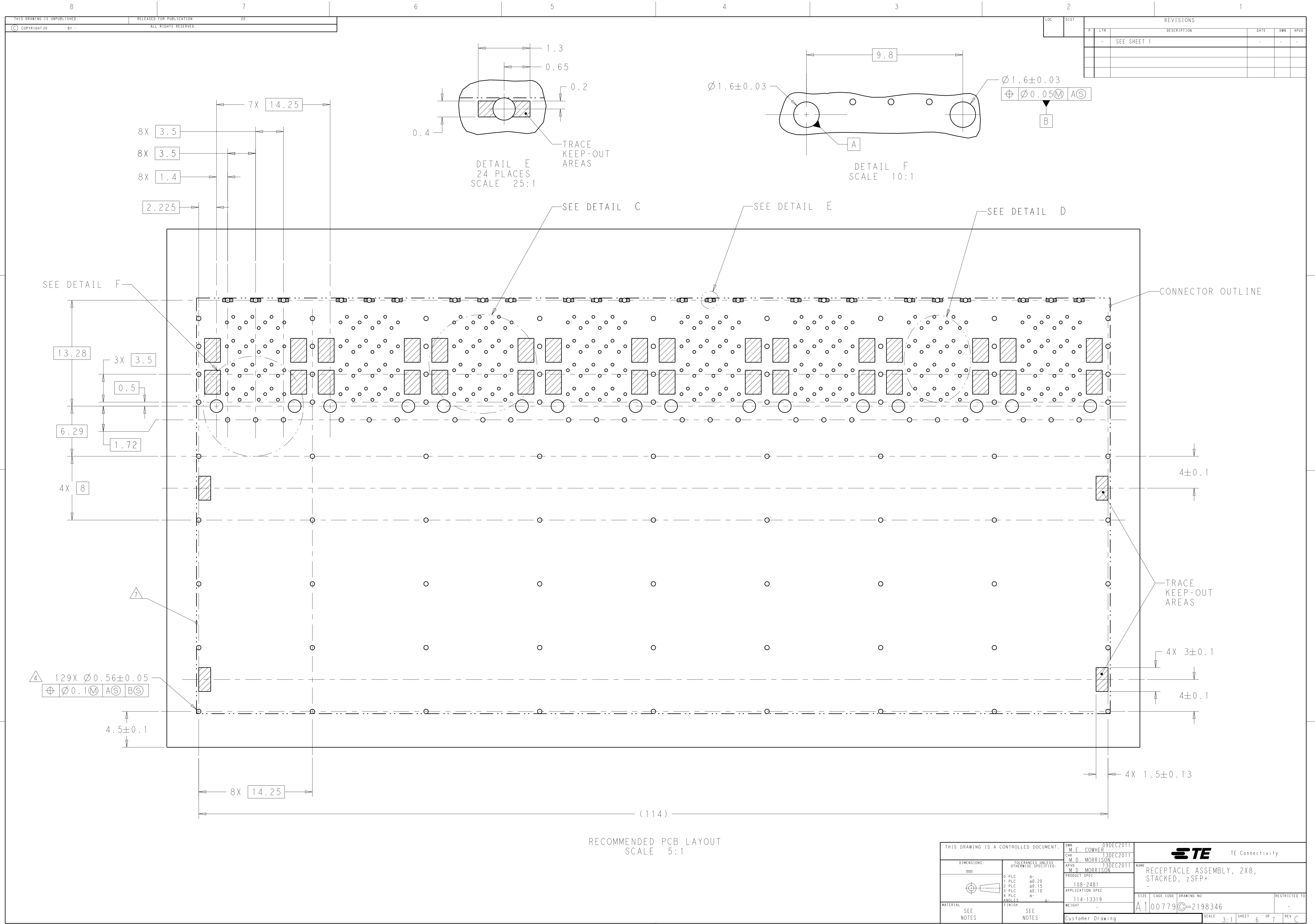
4 PLC ±.25

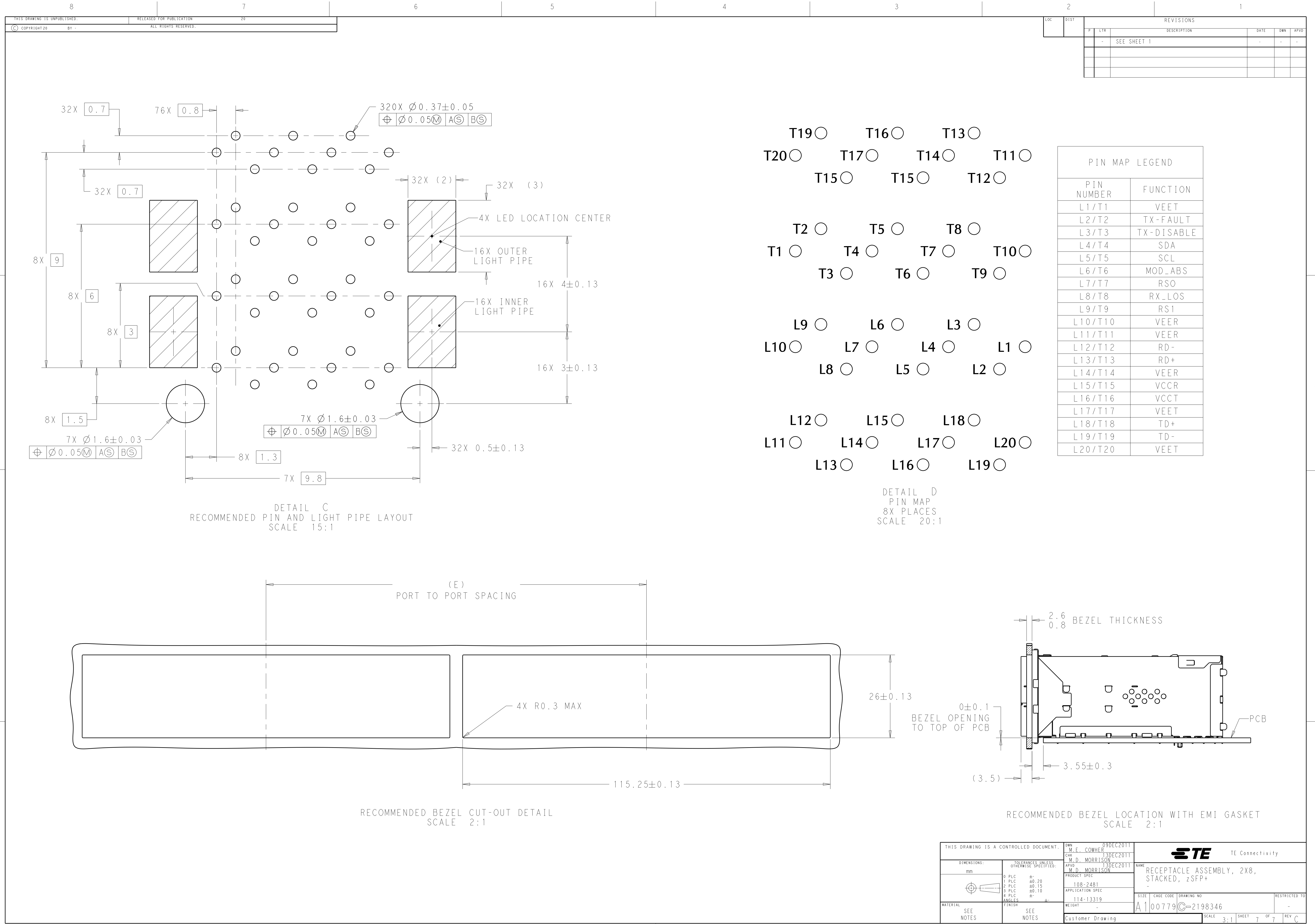
ANGLES ±.25

FINISH

SEE NOTES

SEE NOTES





# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2198346-6](#)